State of Washington

DEPARTMENT OF FISH AND WILDLIFE

Habitat Program: 600 Capitol Way N., Olympia, Washington 98501 (360)602-2534

ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), chapter 43.21 RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probably significant adverse impacts on the quality of the environment. *The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.*

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. *Answer the questions briefly, with the most precise information known, or give the best description you can.*

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer or if the question does not apply to your proposal, write “do not know” or “does not apply”. *Complete answer to the questions now may avoid unnecessary delays later.* Some answers, such as those for Section 8 - Land and Shoreline Use, may require information that can be obtained from your local (County or City) planning or zoning office. When you contact them, have an accurate description of the location of the property on which the proposal is to be, i.e., Section, Township, Range; Parcel Number, Street Address or major landmarks and crossroads. This will enable them to respond more quickly to your information needs.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. You may be asked to explain certain answers or provide additional information reasonably related to determining if there may be significant adverse impact.

LAKE RESTORATION FEASIBILITY ASSESSMENT

Lakes, ponds or reservoirs with public access may be planted with triploid grass carp if a professional lake restoration feasibility assessment has been completed that addresses all of the following.

(1) Cultural Assessment

(a.) Collection of historical and background data including lake description, watershed description and public access benefits.
(b.) Recreational use and pollutant sources.

(2) Water Quality Assessment

(a.) Aquatic plant survey (biomass by species and water temperature cycle).
(b.) Nutrient budget.
(c.) Hydraulic budget.
(d.) Nutrient limitation.
(e.) Biological relationships.
(f.) Lake response (cause and effect relationships between nutrients and the plant and animal communities).

(3) Restoration Feasibility

(a.) Evaluate potential lake restoration techniques.
(b.) Develop matrix for alternatives.
(c.) Identify restoration plan.

(4) Public Involvement

(a.) Public meetings on restoration plan.

(5) The results of C (1) through (4) must be presented to the Department of Fish and Wildlife in the form of a single report by the project proponent. A permit to plant triploid grass carp will be issued by the Department of Fish and Wildlife if the plan identifies triploid grass carp as a solution to the water's problems, if there is public support and if there is a written plan to monitor the effectiveness of this introduction.

State of Washington
DEPARTMENT OF FISH AND WILDLIFE
Mailing Address: 600 Capitol Way N., Olympia, WA 98501 (360)902-2200; TDD (360) 902-2207
Main Office Location: Natural Resource Building, 1111 Washington Street SE, Olympia, WA

Triploid grass carp may be planted in the stat of Washington after the required permits and documents are approved. These permits and documents include:

1. Documentation from the United States Fish and Wildlife Service verifying the fish being planted are certified disease free triploid grass carp. You will receive this from the vendor distributing the fish.

2. An application to plant triploid grass carp from the Department of Fish and Wildlife (enclosed).

3. An Environmental Checklist (enclosed).

4. Hydraulic Project Approval (ONLY if screening is required) (enclosed).

The enclosed materials are needed to apply for a permit to plant triploid grass carp. Please follow the instructions below to ensure your application will be processed quickly.

1. Complete the application for planting triploid grass carp. Follow all instructions and provide accurate answers for each question.

2. Study the guide “How Many Grass Carp Need to Be Planted?” to help you in drawing a picture of your lake or pond and its associated vegetation.

3. If your lake or pond is public, the results of a lake restoration study must be provided to the Department of Fish and Wildlife in place of the drawing listed in Item 2. The enclosed “Standards for Lake Restoration Study” must be met.

4. Please complete the “Environmental Checklist” to the best of your ability. We have provided you with information for several sections on the list.

5. If the body of water to be planted with grass carp flows into another body of water, it will have to be screened. You will need to complete the enclosed Hydraulic Project Application to obtain a Hydraulic Project Approval (HPA) before installing the screen. Criteria for the screen(s) will be specified in the HPA. We suggest the screen mesh should be no greater than 1 1/4" and the screen should extend at least three feet above the water. However, this design may be different depending upon the size of water to be screened.

Please send all documents and a $24 check (made out to the Washington Department of Fish and Wildlife) to the Department’s **regional office** which has jurisdiction in the county of your lake or pond. There is a list of addresses and telephone numbers for each regional office enclosed. Your application may take approximately six to eight weeks to process. If your permit is not approved, the $24 fee will be returned to you. If you have any questions, please contact the same regional office where you submitted your application.

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE
Application for Planting Triploid Grass Carp

1. Name of Applicant or Organization: _____

2. Address: _____ 3. Day Phone: _____

4. Name of Lake or Pond to be Planted: _____

5. County: _____ Township: _____ Range: _____ Section: _____

Note: A photocopy of a county map showing rivers and streams at the proposed planting location MUST be provided with this application.

6. Size of lake or pond (1 acre= 208 ft. x 208 ft): _____ Max Depth (ft): _____

7. Does this pond or lake have public access provided by the city, county, state or federal government or other publicly owned municipality? YES _____ NO ____

(Answer "NO" for golf course, sewage treatment or fish culture ponds and power or irrigation canals).
If you answered "NO", got to No. 9.

8. If you answered "YES" to number 7, are the results of a Lake Restoration Feasibility Study included? YES _____ NO _____

   If you answered "YES", go to No. 11 and skip No. 12.
   If you answered "NO", a permit cannot be issued.

9. Total number of waterfront property owners: _____

10. Number of waterfront property owners that support _____ or oppose _____ proposed planting of triploid grass carp.

NOTE: The names, addresses and phone numbers of all waterfront property owners and whether or not they support the proposed grass carp introduction MUST be provided with this application.

11. Have all outlets and/or inlets been screened?: YES _____ NO _____
    If you answered "NO", you must complete the enclosed Hydraulic Project Application before installing screens. The Department of Fish and Wildlife will not issued a permit to plant triploid grass carp into waters with unscreened outlets. If the proposed lake or pond is greater than 20 acres, other permits from the county may be required to install screens.

12. Please draw a map of the lake or pond as close to scale as possible on the attached sheet. Draw in vegetation types that are present as described in the attached guide "How Many Grass Carp to Plant?" This map will assist our biologists in determining how many fish to plant into your pond or lake.

_____ _____
Signature of Applicant Date

MAP OF LAKE OR POND

Please include distribution of each vegetation type. Irrigation and power canal applicants need only proved estimated acres of each plant type.

Name of Applicant: _____
Name of Lake or Pond: _____

State of Washington

DEPARTMENT OF FISH AND WILDLIFE

Habitat Program: 600 Capitol Way N., Olympia Washington 98501-1091 - (360) 902-2534

ENVIRONMENTAL CHECKLIST
(WAC 197-11-960)

A. BACKGROUND

1. Name of proposed project if applicable:

Plant triploid (sterile) gras carp to control aquatic vegetation.

2. Name of applicant:

3. Address and phone number of applicant and contact person:

4. Date of checklist prepared:

5. Agency requesting checklist: ***Washington Department of Fish and Wildlife***

6. Proposed timing or schedule (include phasing, if applicable):

7. Do you have any plans for future additions, expansions or further activity related to or connected with this proposal? If yes, explain:
NOTE: (If you might lose fish to predation and may need to restock, this should be stated)

8. List any environmental information you know about that has been prepared or will be prepared, directly related to this proposal:

A document titled: "Use of Triploid Grass Carp in Washington," prepared by Washington Department of Fish and Wildlife.

9. Do you know whether applications are pending for government approvals of other proposals directly affecting the property covered by your proposal? If yes, explain:

No.

10. List any government approvals or permits that will be needed for your proposal, if known:
    1. Planting permit from Washington Department of Fish and Wildlife.
    2. Certificate from U.S. Fish and Wildlife Service that the fish shipped are triploids (sterile) and certification that the fish show no sign of disease.

11. Give a brief, complete description of your proposal, inlcuding the prosed used and the size of the project and size. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to answer those on this page.

    Plant triploid grass carp to control aquatic vegetation.

12. Location of proposal. Give sufficient information for a person to understand the precise location of your prosposed project, including street address, if any, and section, township and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

B. ENVIRONMENTAL ELEMENTS

1. EARTH

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other:

b. What is the steepest slope on the site (approximate percent slope)?

c. What general type of soils are found on the site (for example: clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and not any prime farmland.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If os, describe:

e. Describe the purpose, type and approximate quantities of any filling or grading proposed. Indicate source of fill.

f. Could erosion occur as a result of clearing, construction or use? If so, generally describe:

g. About what percent of the site will be covered with impervious surfaces after project construction (for example: asphalt or buildings)?

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

2. AIR

a. What type of emissions to the air would result from the proposal (for example: dust automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe:

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

3. WATER

d. <u>Surface</u>

1. Is there any surface water body on the immediate vicinity of the site (including year-round and season streams, saltwater, lakes, ponds or wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

2. Will the project require any work over, in or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

3. Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

4. Will the proposal require surface water withdrawals or diversions? Give general description, purpose and approximate quantities if known.

5. Does the proposal lie within a 100-year floodplain? YES NO
If so, not location on the site plan.

6. Does the proposal involve any discharges of waste material to surface waters? If so, describe the type of waste and anticipated volume of discharge.

3. WATER
b. Ground

1. Will ground water be withdrawn or will water be discharged to ground water? Give general description, purpose and approximate quantities, if known.

2. Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage, industrial, containing the following chemicals ..., agricultural). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable) or the number of animals or humans the system(s) are expected to serve.

3. WATER
c. Water Runoff (including storm water):

1. Describe the source of runoff (including storm water) and method of collection and disposal, if any (including quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

2. Could waste materials enter ground or surface waters? If so, generally describe.

d. Proposed measures to reduce or control surface, ground and runoff water impacts, if any:

4. PLANTS

a. Check or circle types of vegetation found on the site:

___ deciduous tree: alder, maple, aspen, other
___ evergreen tree: fir, cedar, pine, other
___ shrubs
___ grass
___ pasture
___ crop or grain
___ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other
___ water plants: waterlily, eelgrass, milfoil, other
___ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

c. List threatened and endangered species (of plants) known to be on or near the site.

d. Proposed landscaping, use of native plants or other measures to preserve or enhance vegetation on the site if any:

5. ANIMALS

a. Circle any birds or animals which have been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, other: _____

Mammals: deer, bear, elk, beaver, other: _____

Fish: bass, salmon, trout, herring, shellfish, other: _____

b. List any threatened or endangered species known to be on or near the site.

c. Is the site part of a migration route? If so, explain.

d. Proposed measures to preserve and enhance wildlife, if any:

6. ENERGY AND NATURAL RESOURCES

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

7. ENVIRONMENTAL HEALTH

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill or hazardous waste that could occur as a result of this proposal.

1. Describe special emergency services that might be required.

2. Proposed measures to reduce or control environmental health hazards, if any:

b. Noise

1. What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

2. What types and levels of noise would be created by or associated with the project on a short-term or long term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

3. Proposed measures to reduce or control noise impacts, if any:

8. LAND AND SHORELINE USE

a. What is the current use of the site and adjacent properties?

b. Has the site been used for agriculture? If so, describe?

c. Describe any structures on the site.

d. Will any structures be demolished? If so, what?

e. What is the current zoning classification of the site?

f. What is the current comprehensive plan designation of the site?

g. If applicable, what is the current shoreline master program designation of the site?

h. Has any part of the site been classified as an “environmentally sensitive” area? If so, specify.

i. Approximately how many people would reside or work in the completed project? _____

j. Approximately how many people would the completed project displace? _____

k. Proposed measures to avoid or reduce displacement impacts, if any:

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

9. HOUSING

a. Approximately how many units would be provided, if any? Indicate whether high, middle or low-income housing.

b. Approximately how many units, if any would be eliminated? Indicate whether high, middle or low-income housing.

c. Proposed measures to reduce or control housing impacts, if any:

10. AESTHETICS

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

b. What views in the immediate vicinity would be altered or obstructed?

c. Proposed measures to reduce or control aesthetic impacts, if any:

11. LIGHT AND GLARE

a. What type of light or glare will the proposal produce? That time of day would it mainly occur?

b. Could light or glare from the finished project be a safety hazard or interfere with views?

c. What existing off-site sources of light or glare may affect your proposal?

d. Proposed measures to reduce or control light and glare impacts, if any:

12. RECREATION

a. What designated and informal recreational opportunities are in the immediate vicinity?

b. Would the proposed project displace any existing recreational uses? If so, describe.

c. Proposed measures to reduce or control impacts on recreation, including recreational opportunities to be provided by the project or applicant, if any:

13. HISTORIC AND CULTURAL PRESERVATION

a. Are there any places or objects listed on, or proposed for, national, state or local preservation registers known to be on or next to the site? If so, generally describe.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific or cultural importance known to be on or next to the site.

c. Proposed measures to reduce or control impacts, if any:

14. TRANSPORTATION

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

b. Is the site currently served by public transit? If no, what is the approximate distance to the nearest transit stop?

c. How many parking spaces would the completed project have? _____
How many would the project eliminate? _____

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

e. Will the project use (or occur in the immediate vicinity of) water, rail or air trasportation? If so, generally describe.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur

g. Proposed measures to reduce or control transportation impacts, if any:

15. PUBLIC SERVICES

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

b. Proposed measures to reduce or control direct impacts on public services, if any:

16. UTILITIES

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other: _____

b. Describe the utilities that are proposed for the project, the utility providing the service and the general construction activities on the site or in the immediate vicinity which might be needed.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

SIGNATURE:_____

DATE SUBMITTED:_____